

## 10.0 LIST OF ACRONYMS

1. The definitions below are provided for acronyms used in this Application for Certification:

A	surface area of spilled liquid pool
AA	administering agency
AAA	Automobile Club of Southern California
AADTs	annual average daily trips
AAQS	Ambient Air Quality Standards
AASHO	American Association of State Highway Officials
AB	Assembly Bill
AC	alternating current
ADTs	average daily trips
AFB	Air Force Base
AFBC	atmospheric fluidized bed combustion
AFC	Application for Certification
amp	ampere
amsl	above mean sea level
APCD	Air Pollution Control District
Applicant	Duke Energy
AQIA	air quality impact analysis
ARB	Air Resources Board
ASTM	American Society for Testing and Materials
ATC	Authority to Construct

## **10.0 LIST OF ACRONYMS (Continued)**

ATCM	air toxics control measures
ATC/PTO	Authority to Construct/Permit to Operate
BACT	best available control technology
BFW	boiler feed water
BMP	best management practices
BOD	biological oxygen demand
BOE	State Board of Equalization
BPA	Bonneville Power Administration
BTA	best technology available
Btu	British thermal unit
Btu/kW	British thermal units per kilowatt
Btu/min	British thermal units per minute
BWRs	boiling water reactors
° C	degrees Celsius
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
Cal-ARP	California Accidental Release Program
Cal-EPA	California Environmental Protection Agency
Cal-ISO	California Independent System Operator
Cal-OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board

## **10.0 LIST OF ACRONYMS**

**(Continued)**

CATEF	California air toxic emission factor
CBC	California Building Code
CCA	California Coastal Act
CCAT	Central Coast Area Transit
CCAA	California Clean Air Act
CCC	California Coastal Commission
CCMP	Comprehensive Conservation and Management Plan
CCR	California Code of Regulations
CDC	California Department of Conservation
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology
CDPR	California Department of Pesticide Regulation
CEMS	continuous emissions monitoring system
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGME	Comprehensive Groundwater Monitoring Evaluation
Chevron	Chevron U.S.A.
City	City of Morro Bay

## **10.0 LIST OF ACRONYMS**

**(Continued)**

CLUP	Coastal Land Use Plan
cm	centimeter
cm/sec	centimeters per second
Coast Guard	United States Coast Guard
COD	chemical oxygen demand
COE	U.S. Army Corps of Engineers
CNDDDB	California Natural Diversity Data Base
CNEL	community noise equivalent level
CNPS	California Native Plant Society
Coastal Act	California Coastal Act
Coastal Plan	Coastal Implementation Plan
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
COE	United States Army Corps of Engineers
Commission	California Energy Commission
County	San Luis Obispo County
CPE	California Power Exchange
CPR	cardio pulmonary resuscitation
CPT	cone penetrometer test
CPUC	California Public Utilities Commission
CRGT	chemically recuperated gas turbine
CRLF	California red-legged frog
CSC	California Species of Special Concern

## **10.0 LIST OF ACRONYMS**

### **(Continued)**

CT	combustion turbines
CTG	combustion turbine generator
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWD	cold winter day
CWIS	cooling water intake system
DAR	Dial-A-Ride Program
dB	decibel
dB(A)	decibels on the A-scale
dBA	A-weighted decibel
DC	direct current
Department	San Luis Obispo Sheriff's Department
DEM	digital elevation model
Df	dune land
DLN	dry low NO <sub>x</sub>
DOC	determination of compliance
DOF	State of California Department of Finance
DOT	Department of Transportation
DTSC	Department of Toxic Substance Control
DWR	Department of Water Resources
E	emission rate of ammonia
EA	Environmental Assessment
EDD	California Employment Development Department

## **10.0 LIST OF ACRONYMS**

### **(Continued)**

EDTA	ethylene diamine tetraacetic acid
EIR	Environmental Impact Report
ELW	Extremely Low Water
EMFs	electric and magnetic fields
ENSO	El Niño - Southern Oscillation
EPA	United States Environmental Protection Agency
EPC	engineering, procurement and construction
EPRI	Electric Power Research Institute
ERC	emission reduction credit
ER	Electricity Report
ER96	1996 Biennial Electricity Report
ERPG	emergency response planning guideline
ESA	environmental site assessment/Federal Endangered Species Act
ESH	Environmentally Sensitive Habitat
ESU	evolutionarily significant unit
FAA	Federal Aviation Administration
° F	degrees Fahrenheit
Fed	Federal
Fed-OSHA	Federal Occupational Safety and Health Administration
FEMA	Federal Emergency Management Agency
FEP	Facility Emergency Plan
FESA	Federal Endangered Species Act
FIRM	Flood Insurance Rate Map

## 10.0 LIST OF ACRONYMS (Continued)

FIS	Flood Insurance Study
fpd	feet per day
fps	feet per second
f/RH	relative humidity correction factor
ft/ft	feet per foot
ft/min	feet per minute
ft/sec	feet per second
ft <sup>2</sup>	square feet
ft <sup>3</sup>	cubic feet
g	ground acceleration
GE	General Electric
GEP	good engineering practice
GIS	geographic information systems
Gj/hr	gigajoules per hour
GP	General Plan
gpd	gallons per day
gpm	gallons per minute
gr/dscf	grains per dry standard cubic foot
gps	gallons per second
HAT	humid air turbine
H <sub>2</sub> S	hydrogen sulfide
HHV	higher heating value
HP	high-pressure

## **10.0 LIST OF ACRONYMS**

### **(Continued)**

HRSG	heat recovery steam generator
hrs/yr	hours per year
HTW	high-temperature water
HVAC	heating, ventilation and air conditioning
Hz	hertz
IAN	integrated assessment of need
IBEW	International Brotherhood of Electrical Workers
IDLH	Immediately Dangerous to Life and Health
IGCC	integrated gasification combined-cycle
IIPP	Injury and Illness Prevention Program
IMPLAN	Impact Analysis for Planning
IP	intermediate pressure
ISCST	Industrial source complex short term
ISRG	intercooled steam recuperated gas turbine
IUCN	International Union for the Conservation of Nature
Jf	Jurassic Franciscan Formation
JPA	Joint Powers Authority
K	Kindergarten
km	kilometers
kg/sec	kilograms per second
KOP	key observation point(s)
kV	kilovolt
kWh	kilowatt hours



## **10.0 LIST OF ACRONYMS**

### **(Continued)**

LACM	Los Angeles County Museum of Natural History
LAFCO	Local Agency Formation Commission
lb/MMscf	pounds per million standard cubic feet
lbs	pounds
lbs/hr	pounds per hour
LCP	Local Coastal Program
LDR	liquid-dominated resources
Leq	equivalent noise level
L <sub>dn</sub>	day-night sound level
LHV	lower heating value
LORS	laws, ordinances, regulations and standards
LOS	level of service
LP	low pressure
LUP	Land Use Plan
M	magnitude/molecular weight of ammonia
m	meter
MACT	maximum achievable control technology
MBFD	City of Morro Bay Fire Department
MBPP	Morro Bay Power Plant
MBTA	Migratory Bird Treaty Act
MCC	motor control load center
MCE	maximum credible earthquake
MCLs	maximum contaminant levels

## **10.0 LIST OF ACRONYMS (Continued)**

µg/cm	micrograms per centimeter
µg/m <sup>3</sup>	micrograms per cubic meter
µg/L	micrograms per liter
mG	milligauss
mgd	million gallons per day
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MHHW	Mean Higher High Water
MHLW	Mean Higher Low Water
MHW	Mean High Water
min	minute
MLHW	Mean Lower High Water
MLLW	Mean Lower Low Water
MLPP	Moss Landing Power Plant
mm	millimeters
Mm	megameters
MMBtu/hr	million British thermal units per hour
MMBtu/yr	million British thermal units per year
MMcf/d	million cubic feet per day
MMscf/d	million standard cubic feet per day
mph	miles per hour
Mlb/hr	million pounds per hour
MNBMC	migratory non-game bird of management concern

## **10.0 LIST OF ACRONYMS**

### **(Continued)**

MOU	Memorandum of Understanding
m/sec	meters per second
MSDS	material safety data sheets
msl	mean sea level
MSW	municipal solid waste
MTL	Mean Tide Level
MW	megawatt(s)
MWH	megawatt-hour
MW hr/yr	megawatt hours per year
NAAQS	National Ambient Air Quality Standards
NAHC	California Native American Heritage Commission
Navy	United States Navy
NCCAB	North Central Coast Air Basin
NEP	National Estuary Program
NEPA	National Environmental Policy Act
NERRS	National Estuarine Research Reserve System
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NH <sub>3</sub>	ammonia
NIOSH	National Institute of Occupational Safety and Health
NO	nitric oxides
NOAA	National Oceanic and Atmospheric Administration

## **10.0 LIST OF ACRONYMS**

**(Continued)**

NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrous oxide
NPDES	National Pollution Discharge Elimination System
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSPS	New Source Performance Standards
NSR	New Source Review
NTCHS	National Technical Committee for Hydric Soils
O <sub>2</sub>	oxygen
O <sub>3</sub>	ozone
O&M	operations and maintenance
OCA	offsite consequence analysis
OES	Office of Emergency Services
OEHHA	Office of Environmental Health Hazard Assessment
OSHA	Occupational Safety and Health Administration
P	vapor pressure of ammonia above liquid
Pb	lead
PCBs	polychlorinated biphenyls
PD	Planned Development
PEL	permissible exposure limit
PFBC	pressurized fluidized bed combustion
PG&E	Pacific Gas and Electric Company

## **10.0 LIST OF ACRONYMS** (Continued)

PLS	pressure-limiting station
PM <sub>10</sub>	particulate matter with aerodynamic diameter less than or equal to 10 micrometers
PM <sub>2.5</sub>	particulate matter with aerodynamic diameter less than or equal to 2.5 microns
POTW	Publicly Operated Treatment Works
ppb	parts per billion
ppm	parts per million
ppmv	parts per million by volume
ppmvd	parts per million by volume, dry
ppt	parts per thousand
PRC	Public Resources Code
PR CATS	Paso Robles Community Area Transit Service
Project	Demolition of the onsite fuel oil tank farm, construction of two new combined-cycle units with generation capacity of 1,200 MW, retirement of Units 1 through 4, and demolition of the existing power building and three 450-foot-tall stacks for Units 1 through 4
Property	MBPP Property
PSD	prevention of significant deterioration
psf	pounds per square foot
psi	pounds per square inch
psig	pounds per square inch gauge
PSMFC	Pacific States Marine Fisheries Council
PWRs	pressurized water reactors
PX	California Power Exchange

## **10.0 LIST OF ACRONYMS**

### **(Continued)**

QF1	artificial fill
Qal	quaternary alluvium
Qan <sub>1</sub>	coastal terrace surface deposits (youngest)
Qan <sub>2</sub>	coastal terrace surface deposits (middle)
Qan <sub>3</sub>	coastal terrace surface deposits (oldest)
Qb	basin deposits
Qcu	coastal terrace deposits, undifferentiated
Qem	Aeolian deposits
Qs	recent dune sand
Qso	older dune sands
RCRA	Resource Conservation and Recovery Act
RDF	refuse-derived fuel
RELs	relative exposure levels
RI-TVI	radio interference and television interference
RMP	risk management plan
ROC	reactive organic compounds
ROG	reactive organic gases
ROW	right-of-way
ROWD	Report of Waste Discharge
RV	Recreational Vehicle
RWQCB	California Regional Water Quality Control Board - Central Coast Region
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill

## **10.0 LIST OF ACRONYMS**

**(Continued)**

SC	Species of Concern
SCAT	South County Area Transit
scf	standard cubic foot
SCR	selective catalytic reduction
SCS	Soil Conservation Service
SHPO	State Historic Preservation Officer
SIGT	steam injected gas turbine
SIP	State Implementation Plan
SLOAPCD	San Luis Obispo County Air Pollution Control District
SLORTA	San Luis Obispo Regional Transit Authority
SMUD	Sacramento Municipal Utility District
SO <sub>2</sub>	sulfur dioxide
SPCC	Spill Prevention Control and Countermeasures
STG	steam turbine generator
STPEL	Short-Term Public Emergency Limit
SVP	Society for Vertebrate Paleontology
SWMU	solid waste management unit
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
T	temperature of liquid
TAC	toxic air contaminants
tcf	trillion cubic feet
TDH	total discharge head

## **10.0 LIST OF ACRONYMS**

### **(Continued)**

TDS	total dissolved solids
TIBL	thermal inversion boundary layer
tpd	tons per day
TPA	County Area Transit Authority
TRC	total residual chlorine
TRPH	total recoverable petroleum hydrocarbons
TSS	total suspended solids
TSP	total suspended particulate
TWG	Technical Working Group
U	wind speed
UBC	Uniform Building Code
UCMP	University of California Museum of Paleontology
UCSB	University of California, Santa Barbara
UFC	Uniform Fire Code
UIC	Underground Injection Control
UPS	uninterruptible power supply
USC	United States Code
USFS	United States Forest Service
UP/SP	Union Pacific/Southern Pacific
U.S.	United States
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
V	volt



## **10.0 LIST OF ACRONYMS**

**(Continued)**

VCAPCD	Ventura County Air Pollution Control District
VDC	volts direct current
V/m	volts per meter
VOC	volatile organic compound
WDRs	Waste Discharge Requirements
WTE	waste-to-energy